

11/06/98
10568 U.S. PTO
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/05 (12/97)

| | | | | |
|---|--|--|---------------|-------------|
| UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> | | Attorney Docket No. | AST-4B-PCT-US | Total Pages |
| | | First Named Inventor or Application Identifier | | |
| | | Daniel Armstrong | | |
| | | Express Mail Label No. EL069250572US | | |

| | | | | |
|---|--|---|--|--|
| APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small> | | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 | | |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(Submit an original, and a duplicate for fee processing)</small> | | 6. <input type="checkbox"/> Microfiche Computer Program (Appendix) | | |
| 2. <input checked="" type="checkbox"/> Specification <small>[Total Pages</small> 65 <small>]</small> <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure | | 7. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies | | |
| 3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) <small>[Total Sheets</small> 4 <small>]</small> | | ACCOMPANYING APPLICATION PARTS | | |
| 4. Oath or Declaration <small>[Total Pages</small> 2 <small>]</small> <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small> <small>[Note Box 5 below]</small> <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | | 8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small> 10. <input type="checkbox"/> English Translation Document (if applicable) | | |
| 5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) <small>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</small> | | 11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 12. <input checked="" type="checkbox"/> Preliminary Amendment 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small> 14. <input checked="" type="checkbox"/> Small Entity <input checked="" type="checkbox"/> Statement filed in prior application, Statement(s) <input type="checkbox"/> Status still proper and desired 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input type="checkbox"/> Other: | | |
| 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: 08/851,485 | | | | |
| 18. CORRESPONDENCE ADDRESS | | | | |
| <input type="checkbox"/> Customer Number or Bar Code Label <input type="checkbox"/> or <input checked="" type="checkbox"/> Correspondence address below <small>(Insert Customer No. or Attach bar code label here)</small> | | | | |

| | | | | |
|---------|------------------------------|-----------|--------------|------------------|
| NAME | Donald C. Lucas | | | |
| | Bierman, Muserlian and Lucas | | | |
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NOV. 6, 1998
S. Nakonecny
(Signature of person mailing paper or fee)

FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT (\$ 483.00)

| | |
|------------------------|------------------|
| Employee # Known | |
| Application Number | |
| Filing Date | |
| First Named Inventor | Daniel Armstrong |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | AST-4B-PCT-US |

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number

02-2275

Deposit
Account
Name

Bierman, Muserlian and
Lucas

Charge Any Additional
Fee Required Under 37
CPR 1.16 and 1.17 Charge the usual Fee Set in 37
CPR 1.16 at the Mailing of the
Name of Attorney, 37 CFR
1.31(k)(b)

2. Payment Enclosed:

Check Money
Order Other

FEE CALCULATION (fees effective 10/01/96)

1. FILING FEE

Large Entity Small Entity

| Fee Code (S) | Fee Code (S) | Fee Description | Fee Paid |
|--------------|--------------|------------------------|----------|
| 101 770 | 201 386 | Utility filing fee | 395.00 |
| 106 320 | 206 180 | Design filing fee | |
| 107 530 | 207 265 | Plant filing fee | |
| 108 770 | 208 386 | Reissue filing fee | |
| 114 150 | 214 75 | Provisional filing fee | |

SUBTOTAL (1) (\$ 395.00)

2. CLAIMS

| Total Claims | Extra | Fee from below | Fee Paid |
|------------------------------|-------|-------------------|----------|
| 24 - 20 = 4 | X | 22 | 88.00 |
| Independent Claims 2 - 3 = 0 | X | | |
| Multiple Dependent Claims | X | | |

Large Entity Small Entity

| Fee Code (S) | Fee Code (S) | Fee Description |
|--------------|--------------|--|
| 103 22 | 203 11 | Claims in excess of 20 |
| 102 80 | 202 40 | Independent claims in excess of 3 |
| 104 260 | 204 130 | Multiple dependent claim |
| 109 80 | 208 40 | Reissue independent claims over original patent |
| 110 22 | 210 11 | Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 88.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Small Entity Fee Code (S) Fee Code (S) | Fee Description | Fee Paid |
|--|---|----------|
| 105 130 206 86 | Surcharge - late filing fee or cash | |
| 127 50 227 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 139 130 | Non-English specification | |
| 147 2,480 147 2,480 | For filing a request for reexamination | |
| 112 300 112 300 | Requesting publication of SIR prior to Examiner action | |
| 113 1,780 113 1,780 | Requesting publication of SIR after Examiner action | |
| 115 110 215 56 | Extension for response within first month | |
| 116 300 216 186 | Extension for response within second month | |
| 117 300 217 406 | Extension for response within third month | |
| 118 1,470 218 736 | Extension for response within fourth month | |
| 119 300 219 150 | Notice of Appeal | |
| 120 300 220 180 | Filing a brief in support of an appeal | |
| 121 280 221 130 | Request for oral hearing | |
| 138 1,470 138 1,470 | Petition to institute a public use proceeding | |
| 140 110 240 86 | Petition to revive unavoidably abandoned application | |
| 141 1,230 241 846 | Petition to revive unjustifyably abandoned application | |
| 142 1,230 242 846 | Utility issue fee (or reissue) | |
| 143 440 243 220 | Design issue fee | |
| 144 650 244 326 | Plant issue fee | |
| 122 130 122 130 | Petitions to the Commissioner | |
| 123 50 123 50 | Petitions related to provisional applications | |
| 126 230 128 230 | Submission of Information Disclosure Stmt | |
| 581 40 581 40 | Recording each patent assignment per property (three number of properties) | |
| 146 770 248 386 | Filing a submission after final rejection (37 CFR 1.128(a)) | |
| 148 770 248 386 | For each additional invention to be examined (37 CFR 1.128(b)) | |
| Other fee (specify) _____ | | |
| Other fee (specify) _____ | | |

SUBTOTAL (3) (\$)

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or
Printed Name

Donald C. Lucas

Complete (if applicable)

Reg. Number

31,275

Signature

Donald C. Lucas

Date

11-6-98

Deposit Account
User ID

02-2275

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